

SEH AMERICA, INCORPORATED  
VANCOUVER, WASHINGTON

**SEH America, Inc., of Vancouver, Washington**, manufactures silicon wafers for the semiconductor industry. SEH America participates in the WDOE's EMS Alternative to Pollution Prevention Planning. The facility won the Governor's Award for Pollution Prevention in 2000. SEH America is ISO14001 certified.

ENVIRONMENTAL PERFORMANCE

*Past Accomplishments*

**AT A GLANCE:**

Industry Sector:	NAICS 334413
Business:	Manufactures silicon wafers
Facility Employees:	More than 1,000
Accomplishments:	Reduced total water use Reduced total solid waste
Commitments:	Increase reused materials use Reduce emissions of NOx Reduce hazardous materials use Reduce energy use
Address:	4111 NE 112 <sup>th</sup> Ave Vancouver, Washington 98682
Web site:	<a href="http://www.sehamerica.com">www.sehamerica.com</a>

SEH America, Inc has previously worked to improve the environment through reduced total water use, and

- **Reduced total water use** 13% by installing technology to reclaim water, and conservation measures such as re-use of some wastewater for irrigation, installing pumps and switching to closed-loop systems.
- **Reduced total solid waste** 24% by creating a recycling team to determine all available ways to recycle, including locations to take recyclables and markets for recyclables. In 1999 the facility was recycling 50% of their total solid waste, so this commitment demonstrates improvements made since then. Additionally, there are silicon wafer wastes that are not included in this percentage.

*Future Commitments*

Looking towards the future, SEH America, Inc is working to increase reused materials use, and reduce emissions of NOx, hazardous materials use, and energy use. By 2004, the facility will:

- **Reduce solid waste per unit** by 57% by implementing their previously piloted waste recovery systems into production.
- **Reduce emissions of NOx** by 3% due to changes in current processes to reduce the amount of NOx containing chemicals used.
- **Reduce hazardous materials use** 52% by reducing the amount of solvents used, along with changes in current practices, to eventually eliminate the use of solvents.

- **Reduce energy use** 10% through operational changes and conservation measures.

## COMMUNITY OUTREACH

The SEH America Inc. facility maintains contact with the community through participation in area planning groups and neighborhood associations to share with the community and to learn about their concerns. In addition, the facility also has a system in place to respond to calls from the community. Other methods of contact include, holding public meetings, sending press releases, and personal contacts as necessary. The Annual Performance Report will be made available to customers as requested and to presentations with city officials, and on the facility website at [www.sehamerica.com](http://www.sehamerica.com)